

NORTHRUP EXHIBIT Q

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New Device

17 Ω

4.50 V

0.20 A

 $\pm 98^\circ\text{C} \pm 2(?)$

Brice.

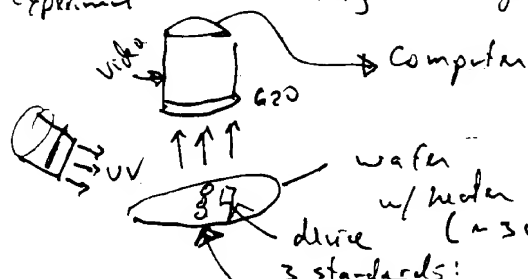
Homogeneous
direction
w/ UV
lightb) 2nd device: 37 Ω 5.89 V 0.17 A $\approx 98^\circ\text{C}$

Experiment

Try 20 cycles

1 minute each

(2 minute total/cycle)



water w/ heater
device ($\approx 35 \mu\text{l}$ volume w/ 8 $\mu\text{g}/\text{ml}$ E76r)
3 standards:
= 4, 7, 10 $\mu\text{g}/\text{ml}$ (20 μl each)
DNA ~~PCR~~
w/ 8 $\mu\text{g}/\text{ml}$ E76r

0:1 ran out

Try again.

reheat w/ same rxn mixture

rxn = 25 μl on device

Homogeneous didn't work

- not standards weren't even consistent

- try w/ new batch of .4 x .4 cm² heater wells